

**FIGURE 1**

SEQ ID NO: 04      \* \* \* \* \*  
 SEQ ID NO: 12      MATTSGATAAAA-----ATTAKPRGSSSALCQRVAGGGRR-----RSGVVRCDAG  
 SEQ ID NO: 29      MAVSTTESGAKLEALLIKCSSSSSPPSRSS--FTTFPGONRRTLQ--RGVIRCDQF  
 1      MAVSTSFPGAKLEALLIKCGSSNAAATATTTHLSFCF-KTRKTLVQSQRGPICRCEASS  
 60

SEQ ID NO: 04      \* \* \* \* \*  
 SEQ ID NO: 12      V-EAQQAQAVAKAASVAALLEQFKISA-DRYMKERTIAVIGLSVHTAPVEMREKLA  
 -SDASSVAPNNATSALEQLKTSAADRYTKERSIIIAIGLSVHTAPVEMREKLA  
 SEQ ID NO: 29      ASDVVAADATKKAAVSVALEQLKTSAADRYTKERSIIAIGLSVHTAPVEMREKLA  
 61

SEQ ID NO: 04      \* \* \* \* \*  
 SEQ ID NO: 12      WPRAIQELTSLNHIEAAVLSTCNRMELIYVVALSWNNGIREVVWDWMSKKSGIPASELREH  
 SEQ ID NO: 29      WPRAIIELCSLNHIEAAVLSTCNRMELIYVIALSQHRYGVKEVMEWMSKTSVPVSELSQH  
 121

SEQ ID NO: 04      \* \* \* \* \*  
 SEQ ID NO: 12      LFLILRSSDATRHLFEVSAGLDSLVLGEQIILAQVKQVVRSGQNSGGLGKNIDRMFKDAIT  
 SEQ ID NO: 29      RFLLYNNNDATQHLFEVSAGLDSLVLGEQIILSQVKQVVKVGQGVNGFGRNISGLFLKHAIT  
 181

SEQ ID NO: 04      \* \* \* \* \*  
 SEQ ID NO: 12      QFLLYNKDATQHLFEVSAGLDSLVLGEQIILAQVKQVVKVGQGVNGFGRNISGLFLKHAIT  
 SEQ ID NO: 29      240

SEQ ID NO: 04      \* \* \* \* \*  
 SEQ ID NO: 12      AGKRVURSETNISGGAVSVSSAAVELALMKLPKSEALSARMLLIGAGKMGKLVIKHLVAKG  
 SEQ ID NO: 29      VGKRVURSETNIASGAVSVSSAAVELAYMKLPKSEASHDNARMLVIGAGKMGKLVIKHLVAKG  
 241

## FIGURE 1 CONTINUED

SEQ ID NO:04  
SEQ ID NO:12  
SEQ ID NO:29

\* \* \* \* \* CKKVVVVNRSEERVAIREEIKDIEIIVYRPLSDMYQAAAEEADVVETSTASSETSFLAKEHA  
CKKMMVVVNRTTEERVAIREELKDIEIIYKPLSEMLTCAGEADLVFTSTASENPLFLKEHV  
CTRMMVVVNRTSEERVAIREEIKDIEIIVYKPLSEMLTCIGEADVVETSTASENPLFLKDDV

SEQ ID NO:04  
SEQ ID NO:12  
SEQ ID NO:29

EALPPVSDTMGGVRLEFDISVPRNVSAEVSEGAARVYNVDLKEVVAANKEDRLRKAME  
KDLPPASQEVGGRRFIDISVPRNVGSCVSLESVRVYNVDLKEVVAANKEDRLRKAME  
KEIAPPATDEVGGRRLFEDISVPRNVGSCLSDLESVRVYNVDLKEVVAANKEDRLRKAME  
420

SEQ ID NO:04  
MESSAGE ID NO:12  
SEQ ID NO:29

2/4

SEQ ID NO: 04  
SEQ ID NO: 12  
SEQ ID NO: 29

\*\*\*\*\*  
EELSTGIVNKLLHGPLQHLRCDGSDSRTILDMEKAILEQQIKAKV  
DDLSRGIVNKLLHGPMQHLRCDGNDSRILSETLENMNALNRMFNLETESVLEEKIRAKV  
DDLSRGIVNKLLHGPMQHLRCDGSDSRTILSETLENMHALNRMFNLETESVLEQKIRAKV

EKTQ  
EQ--  
EQ-K  
541

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**FIGURE 2**

SEQ ID NO: 26	MAGAAAASAAAAAVASGSIARPVAPRPPSPSRARAPRSVVRRAISVEKGEKAYTVEKSEEI	60
SEQ ID NO: 30	MAGAAA-----VASGISIRPVAA-PKISRAPSRSVVRRAVSID--EKAYTVQKSEEI	
SEQ ID NO: 26	FNAAKELMPGGVNNSPVRAFKSVGGQPIVFDHSVKGSRMWDVGNEYIDYVGSWGPAAIGHA	120
SEQ ID NO: 30	FNAAKELMPGGVNNSPVRAFKSVGGQPIVFDHSVKGSHMWDVGNEYIDYVGSWGPAAIGHA	
SEQ ID NO: 26	DDTVNAALIETLKKGTSGAPCVLENVLAEMVISAVPSIEMVRFVNSGTEACMGALRLVR	180
SEQ ID NO: 30	DDKVNAALIETLKKGTSGAPCALENVLAQMVISAVPSIEMVRFVNSGTEACMGALRLVR	
SEQ ID NO: 26	AFTGREKILKFECCYHGHADSFVLVKAGSGVATLGLPDSPGVPKGATSETLTAPYNDVEAV	240
SEQ ID NO: 30	AFTGREKILKFECCYHGHADSFVLVKAGSGVATLGLPDSPGVPKGATVGTLTAPYNDDAV	
SEQ ID NO: 26	KKLFEENKGQIAAVFILEPVVGNAGFIPPOPGFLNALARDLTKQDGALLYFDEVMTGFRLAY	300
SEQ ID NO: 30	KKLFEDNKGEIAAVFILEPVVGNAGFIPPOPAFLNALARVTKQDGALLYFDEVMTGFRLAY	
SEQ ID NO: 26	GGAQEYFGITPDVSTLKGKIIGXGLPVGAYGGRKDIMEMVAPAGPMYQAGTLSGNPPLAMTA	360
SEQ ID NO: 30	GGAQEYFGITPDVTTLGKIIGGGLPVGAYGGRKDIMEMVAPAGPMYQAGTLSGNPPLAMTA	

**FIGURE 2 CONTINUED**

SEQ ID NO: 26	***** GIHTLKRILMEPGTYDYLDKITGDLVRGVILDAGAKTGHEMCGGHIRGMFGEFFTAGPVHNF	420
SEQ ID NO: 30	GIHTLKRILMEPGTYEYLDKVTVGELVRGILDVGAKTGHEMCGGHIRGMFGEFFAGGPVHNF	
	361	
	*	
SEQ ID NO: 26	***** GDAKKSDTAKFGFRYRGMLEEGVYLAPSQFEAGFTSLAHTSQDIEKTVEAAKVLRRI	478
SEQ ID NO: 30	DAAKKSDTAKFGRFHRGMLGEGVYLAPSQFEAGFTSLAHTTQDIEKTVEAAEKVLRWI	
	421	